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the flower buds of *Ch. praecox* in Kunming began to enter initial differentiation stage on April 20 to form flower buds in mid May the average temperature remained unchanged and flower buds began to gradually differentiate into staminal primordia and pistil primordia flower bud development occurred between 28 April and 30 May 2017 and was divided into five stages undifferentiated early flower bud differentiation petal primordium differentiation stamen primordium differentiation and pistil primordium differentiation caucasian clover flower bud differentiation and flower organ development were systematically examined flower bud differentiation has six consecutive stages pre differentiation differentiation of the inflorescence the floret the perianth the stamen and finally the pistil primordium flower differentiation is a plant process by which the shoot apical meristem changes its anatomy to generate a flower or inflorescence in lieu of other structures to investigate the regulatory mechanism of grape flower bud differentiation under red blue light the transcriptome and hormone content were determined at four stages of flower bud we divided walnut female flower bud differentiation into stages as follows f 1 predifferentiation period f 2 initial differentiation period and f 3 flower primordium differentiation from sex determination to flower bud differentiation we divided the process into six stages at the histological level the undifferentiated stage initial flower bud differentiation sepal the mechanism of ABA and its synthesis inhibitor ST on the flower bud differentiation of Fuji apple cv Nagafu No 2 was discussed the results provide a theoretical basis for solving the problem of delay in flower differentiation in apple crop of five stages of flower differentiation and development physiological differentiation stage S0 and bud break stage S2 are two key stages affecting further asynchrony compared to invisibility of buds at S0 transcriptome analysis of various sexual flower buds in two mating types of *C. paliurus* Pa m Pg f Pa f and Pg m at S2 could we performed cytological observations of flower bud development in *C. weiningensis* through conventional paraffin sectioning scanning electron microscopy and stereomicroscopy to establish the corresponding relationships between the external morphology and internal structure results light control treatment effectively induced the rapid formation of flower buds and early flowering in *B. glabra* Sao Paulo with the time of flower bud formation being 119 days earlier and the flowering period extended six days longer than those of the control plants flowering is one of the most intensively studied processes in plant development despite the wide diversity in floral forms flowers have a simple stereotypical architecture flowers develop from florally determined meristems transcriptomic analysis of flower bud differentiation in *Magnolia sinostellata* by Lijie Fan 1 Mengqian Chen 1 Bin Dong 1 Ninghang Wang 1 Qin Yu 1 Xingli Wang 1 Lingjuan Xuan 1 Yaling Wang 2 Shouzhou Zhang 3 and Yamei Shen 1

flower bud development occurred between 28 april and 30 may 2017 and was divided into five stages undifferentiated early flower bud differentiation petal primordium differentiation stamen primordium differentiation and pistil primordium differentiation pollination is defined as the shed of pollen from the male anthers to the stigma or receptive surface of the gynoecium the male microspores travel to the embryonic sac to fuse with the ovum and the two polar nuclei to form the seed that matures for approximately 1 month flower bud differentiation has six consecutive stages pre differentiation differentiation of the inflorescence the floret the perianth the stamen and finally the pistil primordium the floral bud differentiation of a sellowiana can be divided into six stages the initiation of differentiation inflorescence primordium differentiation sepal primordium differentiation petal primordium differentiation stamen primordium differentiation and pistil primordium differentiation the floral bud differentiation began in mid to 2 citations 1 altmetric metrics leaves and flowers of amorphophallus konjac do not develop simultaneously thus unique features can be elucidated through study of flowering transformation in a flowering is an important stage in the life history of higher plants that includes the processes of flower bud differentiation development and the opening of flowers parmar et al 2017 xu et al 2019 the flower bud development in spiraea canfoniensis progressed very slowly compared with that in s thunbergii the initial formation of petals pistiles and pollen and ovules occurred on february 2 march 28 and april 17 1951 in tokyo respe ctively the flowers commenced to bloom on may 7 full text pdf 1800k

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caucasian clover flower bud differentiation and flower organ development were systematically examined flower bud differentiation has six consecutive stages pre differentiation differentiation of the inflorescence the floret the perianth the stamen and finally the pistil primordium

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flower differentiation is a plant process by which the shoot apical meristem changes its anatomy to generate a flower or inflorescence in lieu of other structures

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to investigate the regulatory mechanism of grape flower bud differentiation under red blue light the transcriptome and hormone content were determined at four stages of flower bud

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we divided walnut female flower bud differentiation into stages as follows f 1 predifferentiation period f 2 initial differentiation period and f 3 flower primordium differentiation

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from sex determination to flower bud differentiation we divided the process into six stages at the histological level the undifferentiated stage initial flower bud differentiation sepal

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the mechanism of aba and its synthesis inhibitor st on the flower bud differentiation of fuji apple cv nagafu no 2 was discussed the results provide a theoretical basis for solving the problem of delay in flower differentiation in apple crop

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of five stages of flower differentiation and development physiological differentiation stage s0 and bud break stage s2 are two key stages affecting further asynchrony compared to invisibility of buds at s0 transcriptome analysis of various sexual flower buds in two mating types of c paliurus pa m pg f pa f and pg m at s2 could

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we performed cytological observations of flower bud development in c weiningensis through conventional paraffin sectioning scanning electron microscopy and stereomicroscopy to establish the corresponding relationships between the external morphology and internal structure

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results light control treatment effectively induced the rapid formation of flower buds and early flowering in *B. glabra* Sao Paulo with the time of flower bud formation being 119 days earlier and the flowering period extended six days longer than those of the control plants

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flowering is one of the most intensively studied processes in plant development despite the wide diversity in floral forms flowers have a simple stereotypical architecture flowers develop from florally determined meristems

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transcriptomic analysis of flower bud differentiation in *Magnolia sinostellata* by Lijie Fan 1 Mengqian Chen 1 Bin Dong 1 Ninghang Wang 1 Qin Yu 1 Xingli Wang 1 Lingjuan Xuan 1 Yaling Wang 2 Shouzhou Zhang 3 and Yamei Shen 1

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2 citations 1 altmetric metrics leaves and flowers of amorphophallus konjac do not develop simultaneously thus unique features can be elucidated through study of flowering transformation in a

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flowering is an important stage in the life history of higher plants that includes the processes of flower bud differentiation development and the opening of flowers parmar et al 2017 xu et al 2019

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